

Maryland Historical Trust

Maryland Inventory of Historic Properties number: M:29-50

Name: Allen Edover Watts For.

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u> _____
Criteria: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D Considerations: <u>  </u> A <u>  </u> B <u>  </u> C <u>  </u> D <u>  </u> E <u>  </u> F <u>  </u> G <u>  </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u> _____	Date: <u>3 April 2001</u> _____
Reviewer, NR Program: <u>Peter E. Kurtze</u> _____	Date: <u>3 April 2001</u> _____

*gms*



MHT Number M:29-50

**Location:**

**City/Town:** Rockville      Vicinity X

**Ownership:**   State   X  County   Municipal   Other

**Is the bridge located within a designated district:\_\_\_yes\_ Xno**

\_\_NR listed district\_\_NR determined eligible district

locally designated other

Name of District \_\_\_\_\_

☐ Timber Bridge  
☐ Beam Bridge ☐ Truss-Covered ☐ Trestle  
☐ Timber-and-Concrete

## Stone Arch

## Metal Truss

## Movable Bridge

Swing Bascule Single Leaf Bascule Multiple Leaf

Vertical Lift Retractable Pontoon

### X Metal Girder

X Rolled Girder \_\_ Rolled Girder Concrete Encased

### Plate Girder    Plate Girder Concrete Encased

## Metal Suspension

## Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name \_\_\_\_\_

**Description:**

**Describe Setting:**

Bridge No. M 14 carries Glen Road east-west over Watts Branch in Montgomery County, Maryland. The area around the bridge is wooded, and is located within 50' of two intersections at both ends of the bridge. At least one residence is visible from the bridge. Overhead utility lines parallel the north side of the bridge.

**Describe Superstructure and Substructure:**

Bridge No. M 14, was built in 1930 and reconstructed in 1976, is a 34' long single span structure. The bridge consists of a corrugated metal plank deck with an asphalt wearing surface carried by steel stringers supported by two concrete abutments. The bridge has a clear roadway width of 13'-1". The bridge has modern W-beam guardrails.

Roadway drainage is seeping thru the corrugated metal deck causing corrosion to the metal deck and steel beams. Residual section losses to the beam flanges (1/16" on the fascia beams) is evident. The streambed scour has caused about 2' of undermining at the northwest wingwall. The traffic barrier on the southwest and northwest corners of the bridge has been damaged by vehicle impact.

**Discuss Major Alterations:**

This bridge was rehabilitated in 1976. Between 1991 and 1993 the abutments and wingwalls were replaced.

**History:**

**When Built:** 1930 (reconstructed 1976)

**Why Built:** Local transportation needs

**Who Built:** Unknown

**Why Altered:** Structural and safety needs

**Was this bridge built as part of an organized bridge building campaign:** Yes

**Surveyor Analysis:**

**This bridge may have NR significance for association with:**

☐ A Events ☐ Person

☐ C Engineering/Architectural

**Was this bridge constructed in response to significant events in Maryland or local history:**

It is unknown whether this bridge was constructed in response to significant events in Maryland or local history.

**When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?**

It is unknown whether the construction and/or alteration of this bridge has had significant impact on the growth and development of the area.

**Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?**

No, this bridge is not located in an area which may be eligible for historic designation.

**Is the bridge a significant example of its type?**

This bridge is not a significant example of its type.

**Does the bridge retain integrity of the important elements described in the Context Addendum?**

No, this bridge does not appear to have retained the integrity of its primary character defining elements. An undocumented reconstruction occurred in 1976. An additional reconstruction occurred between 1991 and 1993 when the concrete abutments and wingwalls were replaced.

**Should this bridge be given further study before significance analysis is made and Why?**

Further research of this bridge is unnecessary. This bridge no longer retains integrity of its character defining elements, and this bridge is not eligible for inclusion on the National Register of Historic Places.

### **Bibliography:**

- Greiner, Inc.  
1995 Maryland Inventory of Historic Bridges.
- Montgomery County  
v.d. County Bridge Inspection Files.
- Spero, P.A.C. & Company, and Louis Berger & Associates  
1994 Historic Bridges in Maryland: Historic Bridge Context.
- United States Geological Survey  
1965 7.5' Rockville Quadrangle, photorevised 1984.

### **Surveyor:**

M:29-50

**Name:** Jason D. Moser **Date:** September 1995  
**Organization:** State Highway Admin. **Telephone:** (410) 321-2213  
**Address:** 2323 West Joppa Road Brooklandville, MD 21022

Montgomery County  
Bridge Type Metal Girder  
Map E-10  
County Montgomery  
Bridge # and name M 14/ Glen Road  
over Watts Branch  
Standard Historic Highway Referred





Inventory # M:29-50

Name M14 - SOUTH GLEN RD. OVER WATTS BRANCH

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

\_\_\_\_\_

Number <sup>1</sup>~~28~~ of <sup>9</sup>~~36~~





Inventory # M:29-50

Name M14-SOUTH GLEN RD OVER WATTS BRANCH

County/State MONTGOMERY / MO

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING SOUTH

\_\_\_\_\_

Number 29 of 34



Inventory # M:29-50

Name MH-SOUTH GLEN RD. OVER WATTS BRANCH

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH WEST

Number 3 of 4  
30 of 30

101

GLEN

STOP



Inventory # M:29-50

Name M14-SOUTH GLEN RD OVER WANTS BRANCH

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SNA

Description ELEVATION LOOKING NORTH

Number 4 of 4